



HAVA NEWS

A special informational bulletin for Michigan election officials on the implementation of the Help America Vote Act of 2002

Michigan Department of State - Terri Lynn Land, Secretary of State

Statewide Voting System Vendor Selection Instructions

Urgent: Contains documents that must be completed by Friday, April 30, 2004.

The State of Michigan has completed the process of qualifying election system vendors for Michigan's new uniform, statewide voting system. On April 20, 2004, three vendors were submitted to the State Administrative Board for certification to sell voting equipment in Michigan. The Administrative Board is a panel that must approve all contracts with a value of \$25,000.00 or more. The Board certified Diebold Election Systems, Inc. and Election Systems & Software (ES & S), both of which are approved to sell voting equipment in 2004. The Board also conditionally certified Sequoia Voting Systems, Inc. Sequoia will not be permitted to sell election systems until an Independent Testing Authority (ITA) certifies its Election Management System (EMS) software. That certification will not occur before the deadline for purchasing equipment for use in 2004 elections. The Bureau of Elections will issue a notice if and when Sequoia meets the condition to become a fully certified vendor.

Administrative Board approval was the necessary last step before election systems can be sold. At least one jurisdiction within your county has indicated that it wishes to purchase voting equipment for use in the 2004 state primary and state general elections. This mailing includes the final steps that must be taken before orders for voting systems can be placed. The mailing includes the following:

1. Vendor information summary;
2. Vendor selection form;
3. Revised flowchart illustrating upcoming steps in the purchase process.

There are important differences between the vendors' offerings, so please review the attached information carefully. You may find that one vendor may suit your county's needs better than the other vendors. Please note that the vendor information summary includes comparative data on all three vendors listed above even though Sequoia is not yet qualified to sell voting equipment in Michigan. The state will use HAVA funds to pay for precinct tabulators, absent voter counting board tabulators, EMS software, maintenance on the tabulators through two even-year election cycles and maintenance on EMS for five years. Training and implementation are included in the purchase price paid by the state, but there are differences in what each vendor offers. Additional items offered by vendors that will not be purchased by the state using HAVA funds may vary in cost. Ongoing maintenance costs on the tabulators and EMS will eventually be paid for by the counties, cities, and townships. A detailed description of the vendors' offerings will be available on the Internet at www.michigan.gov/hava on Monday, April 26.

After weighing your options, please use the vendor selection form to indicate your choice. If every jurisdiction in your county has decided not to purchase voting equipment for use in 2004, mark the box on the vendor selection form for "County opts out until 2005" and return the form as described below. As mentioned above, if your county selects Sequoia as its vendor, you will not be able to purchase voting equipment for use in 2004 elections. You may also indicate that your county chooses to delay receiving new equipment until 2005 even if you previously indicated that your county intended to receive it this year.

On or before **Friday, April 30, 2004**, fax a copy of your county's vendor selection form to the Bureau of Elections at 517-241-1591. Following the fax, please mail a paper copy of the form with an original signature to the Bureau of Elections:

Michigan Department of State
Bureau of Elections
P.O. Box 20126
Lansing, MI 48901-0726

In addition, please remember that the Grant Applications mailed in early April were due today, **Friday, April 23, 2004**. Again, we request your assistance in ensuring that your county and those local jurisdictions that are to receive equipment in 2004 return these documents to us as soon as possible.

Note: After the selection is completed, each county, city or township that is acquiring a new election system must contract independently with its chosen vendor. Your vendor will contact you regarding this process in the coming weeks.

Thank you for your continued hard work and support throughout this transition. If you have any questions, please do not hesitate to call Sherry Barrett at 517-241-2538 between 8 a.m. and 3:30 p.m. weekdays or email: barretts1@michigan.gov.

Voting System Vendor Selection Certification

This form MUST be completed and signed by the County Clerk. Fax a copy to the Bureau of Elections by Friday, April 30, 2004; the original must follow by mail. Any questions may be directed to Sherry Barrett at 517-241-2538 between 8 a.m. and 3:30 p.m. weekdays or by email at barretts1@Michigan.gov:

Michigan Department of State
Bureau of Elections
PO Box 20126
Lansing, MI 48901-0726
Fax: 517-241-1591

County: _____

Vendor selected:

- ☐ Diebold Election Systems, Inc.
- ☐ Election Systems & Software (ES & S)
- ☐ Sequoia Voting Systems, Inc. (*Sequoia is not permitted to sell election systems until an Independent Testing Authority (ITA) certifies their Election Management System (EMS) software. That certification will not happen before the deadline for purchasing equipment for use in 2004 elections. **If your county selects Sequoia, its voting system purchase will be delayed until 2005.***)

- ☐ County opts out until 2005

Signature

Contact Person

Name (Print or Type)

Contact Phone Number

Date

Statewide Optical Scan Voting Systems: Vendor Product Summary and Comparison (4/23/04)

Product Feature	Diebold - AccuVote	ES&S - M-100	Sequoia - Insight (note: details shown are for comparison purposes only--no sales until ITA approval of EMS)
Tabulator Display and Printer	LCD message display located at front of tabulator. Messages do not print on tape. Printer is louder and slower than others, and also requires a printer ribbon. End card is required to close the polls.	LCD message display located at front of tabulator. Messages do not print on tape. No printer cartridge is required.	No display on front of equipment; all data printed on tape. Printouts on tape are fast, quiet, and clear. No printer cartridge is required.
Tabulator Weight/Carrying Case	The tabulator weighs approximately 14 pounds. The tabulator carry case is padded and is constructed of nylon with a zipper opening across the top and may be carried using either the nylon handle or the shoulder strap.	The tabulator weight was not provided. The tabulator carry case is moisture resistant and dustproof.	The tabulator weighs 24 pounds. Carry case provided.
Memory Cards/Prompt Packs	Proprietary memory card (must be purchased from Diebold) can accept multiple ballot styles as well as split precincts. \$250 cost for additional / replacement cards. Two memory cards included with each tabulator.	Non-proprietary memory card can accept multiple ballot styles as well as split precincts. Replacements may be purchased at local office supply stores or from vendor for \$98.00. Two memory cards included with each tabulator.	Proprietary memory packs (must be purchased from Sequoia) can accept multiple ballot styles as well as split precincts; \$250 for additional/replacement packs.
Batteries	Memory card batteries are commercially available and are not re-chargeable.	The Model 100 optical scan Precinct Ballot Counter contains a sealed lead-acid battery and charge/surge protection circuit that powers and protects all aspects of the tabulator during an electrical outage or other abnormality. The data resides on a PCMCIA card that also contains a backup battery.	Memory pack batteries are commercially available and are not re-chargeable. The tabulator battery life is approximately 6 years as long as a full charge is maintained. The tabulator will run approximately 18 hours on a charge, dependent upon usage.
Ballot Box	Tabulator ballot box has wide doors for easy visibility and access but does not have wheels. Primary bin and write-in bins each hold up to 1500 ballots.	Tabulator ballot box has wide doors for easy visibility and access.	Tabulator ballot box has removable ballot receptacles. Compartment doors are large for easy visibility and access. Ballot box is on has wheels.
Election Management System (EMS) Software	General impression is that the software could be difficult to master. Flexible ballot layout capabilities. Offers up-to-date reporting capability for media and public.	EMS software appears to be user friendly. Offers up-to-date reporting capabilities for media and public.	DOS-based programs look somewhat outdated and seem more complex to use. Software is split into three different programs (BPSII, EMS and AERO). Software does not work with DRE. BPSII can interact with other vendor's programs. Offers up to date reporting capabilities for media and public.

Product Feature	Diebold - AccuVote	ES&S - M-100	Sequoia - Insight (note: details shown are for comparison purposes only--no sales until ITA approval of EMS)
Ballots/ Maximum Vote Positions	Available ballot sizes: 8.5"x11"; 8.5" x14"; and 8.5" x 17". Recommended ballot stock: between 90 and 110 pound paper stock. Short grain paper recommended to aid in the scoring and folding of absentee ballots. Offers 576 vote positions.	Ballot sizes range from 8 1/2 x 14 to 8 1/2 x 19, with up to 204 ballot positions per side. Elections with large numbers of candidates and issues may require two ballots.	Recommended ballot stock: 110 pound index stock. Utilizes arrows to define vote positions. Offers 712 vote positions.
Printer Certification	Vendor provides support to other printers. Offers a two tiered program: 1) printers that process ballot print orders from vendor and 2) printers that process ballot print orders directly from client. At this point the following printers are authorized to print ballots for use with the AccuVote: 1) Cadillac Printing, Cadillac 2) Inland Printing, Detroit; 3) Sealy Printing (unknown location).	Interested printers must pay the vendor a \$5500 fee to become qualified. At this point, the following printers are qualified to print ballots for use with the M-100: 1) Michigan Election Resources, Kalamazoo; 2) Printing Systems, Taylor; 3) Print Com, Flint.	Interested printers must first purchase a printers kit for \$1500 which contains all of the necessary technical information and standards. At this point, the following printers are authorized to print ballots for use with the Insight: 1) Michigan Election Resources, Kalamazoo; 2) Custom Printers, Grand Rapids; 3) Print Com, Flint; 5) Gage Printing, Battle Creek; and 6) Inland Printing.
Rejection of Ballots	Ballots that are returned due to overvotes, cross over votes, blank reads, improper coding or are otherwise defective are ejected and extend beyond the face of the tabulator. The override button is located at the front of the tabulator behind a door which must be unlocked by an election official for access. The override button must be continuously pushed to reinsert the ballot.	Ballots that are returned due to overvotes, cross over votes, blank reads, improper coding or are otherwise defective are concealed under a lockable cover at the front of the tabulator. The override button is also located at the front of the tabulator. The reason for the return is displayed on the LCD window until action is taken by an election official to override and accept the ballot or re-vote the ballot. The tape does not print error messages and the audit report is abbreviated.	Ballots that are returned due to overvotes, cross over votes, blank reads, improper coding or are otherwise defective are ejected and extend beyond the face of the tabulator. The override button is located at the back of the tabulator. The reason for the return prints out on the tape.

Product Feature	Diebold - AccuVote	ES&S - M-100	Sequoia - Insight (note: details shown are for comparison purposes only--no sales until ITA approval of EMS)
Additional Equipment/Software required	Diebold has asserted that its GEMS software must run on a standalone, dedicated high-end server with a significant level of support and service required. The State recommends that jurisdictions contact this vendor directly and insist on justification for these costs.	E S & S has provided specifications for a high-end PC to run its EMS software. The State recommends that jurisdictions contact this vendor directly for more detailed information and justification for all costs.	A separate Memory Pack Reader is needed to program memory packs and accumulate precinct totals. Memory Pack Readers are included in the EMS purchase price. BPSII requires a PC configured as: Pentium 3GHZ processor, 1 GB RAM, 30-40 GB hard drive; Microsoft XP Professional operating system is recommended. The following software is also required: Microsoft Office 2000 Professional, Visio 2002, Adobe Acrobat 6.0. The State recommends that jurisdictions contact this vendor directly for more detailed information and justification for all costs.

State-wide Optical Scan Voting Systems: Cost Summary for Approved Vendors (4/23/04)

	E S & S	Diebold	Sequoia (NOTE: prices shown are for comparative purposes only--no sales until ITA approval of EMS)
ITEM			
Mandatory Items (Paid for by State):			
Tabulator	\$5,528	\$4,754.75	\$4,800
County EMS	\$0	\$56,736* (average--see "Other Information" at the end of this summary)	\$48,095
Jurisdiction EMS	\$0	\$1	\$0
Optional Post Warranty Maintenance (Paid for by State through 1st 2 even-year election cycles; State pays an additional 2 years for EMS):			
Annual Maintenance per Tabulator	\$142	\$124	\$147
Annual Maintenance per EMS - county	\$92	\$6,677	\$8,250
Annual Maintenance per EMS - jurisdiction	\$0	\$1	\$0
Other Optional Items (Paid for by Local Jurisdictions; State will purchase absentee tabulators: *NOTE: additional items and detail are included in each vendor's detailed cost breakdown.			
Extra Optical Scan Tabulators (used for backup or absentee; does not include training/proj. mgt., but does include warranty):	\$4,492	\$4,212.79	\$4,800
High-speed ABS Tabulators (NOTE: State plans to purchase absentee tabulators from the "extra tabulators" category above.)	Jurisdictions with 1-20,000 Registered Voters: \$30,000 ; Jurisdictions with > 20,000 Registered Voters: \$40,000 ; Jurisdictions with >100,000 Registered Voters: \$65,000	\$3,995 (tabulator attachment only)	\$75,000
Voting Booth	\$160	\$190-\$250 (various options)	\$199
Additional Tabulator Memory Device (note each tabulator comes with 1 or more):	\$98	\$250	\$250

State-wide Optical Scan Voting Systems: Cost Summary for Approved Vendors (4/23/04)

	E S & S	Diebold	Sequoia (NOTE: prices shown are for comparative purposes only--no sales until ITA approval of EMS)
ITEM			
Ballot Printing			
or the city/township (for local elections). See each vendor's detailed cost breakdown for additional information.			
100 Ballots			
State Gen Election	\$0.85	0.4566 (19")	\$0.63
State Primary Election	\$0.85	0.4566 (19")	\$0.71
Local General Election	\$0.65	0.4366 (12")	\$0.37
Local Primary Election	\$0.65	0.4366 (12")	\$0.41
500 Ballots			
State Gen Election	\$0.55	0.4233 (19")	\$0.63
State Primary Election	\$0.55	0.4233 (19")	\$0.71
Local General Election	\$0.35	0.4033 (12")	\$0.37
Local Primary Election	\$0.35	0.4033 (12")	\$0.41
1,000 Ballots			
State Gen Election	\$0.45	0.3833 (19")	\$0.63
State Primary Election	\$0.43	0.3833 (19")	\$0.71
Local General Election	\$0.25	0.3633 (12")	\$0.37
Local Primary Election	\$0.25	0.3633 (12")	\$0.41
5,000 Ballots			
State Gen Election	\$0.45	0.3433 (19")	\$0.63
State Primary Election	\$0.43	0.3433 (19")	\$0.71
Local General Election	\$0.22	0.3233 (12")	\$0.37
Local Primary Election	\$0.22	0.3233 (12")	\$0.41
10,000 Ballots			
State Gen Election	\$0.43	0.3233 (19")	\$0.63
State Primary Election	\$0.40	0.3233 (19")	\$0.71
Local General Election	\$0.22	0.3033 (12")	\$0.37
Local Primary Election	\$0.22	0.3033 (12")	\$0.41

State-wide Optical Scan Voting Systems: Cost Summary for Approved Vendors (4/23/04)

	E S & S	Diebold	Sequoia (NOTE: prices shown are for comparative purposes only--no sales until ITA approval of EMS)
ITEM			
50,000 Ballots			
State Gen Election	\$0.42	0.3033 (19")	\$0.42
State Primary Election	\$0.38	0.3033 (19")	\$0.47
Local General Election	\$0.19	0.2833 (12")	\$0.27
Local Primary Election	\$0.19	0.2833 (12")	\$0.30
100,000 Ballots			
State Gen Election	\$0.40	0.3033 (19")	\$0.33
State Primary Election	\$0.38	0.3033 (19")	\$0.38
Local General Election	\$0.19	0.2833 (12")	\$0.24
Local Primary Election	\$0.19	0.2833 (12")	\$0.27
500,000 Ballots			
State Gen Election	\$0.40	0.2933 (19")	\$0.27
State Primary Election	\$0.38	0.2933 (19")	\$0.30
Local General Election	\$0.19	0.2733 (12")	\$0.23
Local Primary Election	\$0.19	0.2733 (12")	\$0.26
Tabulator Programming (avg over 04, 06, and 08 elections) Per tabulator			
State General Election	\$1566 + \$14.34 per tabulator*	\$280	\$377*
State Primary Election	\$961 + \$14.34 per tabulator*	\$280	\$377*
Local General Election	\$595 + \$14.34 per tabulator*	\$280	\$290*
Local Primary Election	\$510 + \$14.34 per tabulator*	\$280	\$290*
	*NOTE: E S & S will program the 1st 2 elections free of charge. See detailed E S & S cost package for further detail on minimum programming costs.		*NOTE: These are maximums. See detailed Sequoia cost package for full breakdown.

State-wide Optical Scan Voting Systems: Cost Summary for Approved Vendors (4/23/04)			
	E S & S	Diebold	Sequoia (NOTE: prices shown are for comparative purposes only--no sales until ITA approval of EMS)
ITEM			
Other Information:		Diebold--County EMS Price Ranges:	
		0-30 Precincts: \$ 35,000	
		31-60 Precincts: \$ 45,000	
		61-80 Precincts: \$ 60,000	
		81-100 Precincts: \$ 75,000	
		101-200 Precincts: \$ 95,000	
		201-300 Precincts: \$145,000	
		301-400 Precincts: \$175,000	
		401-600 Precincts: \$250,000	
		601+ Precincts: \$300,000	

2004 County Voting System Purchase Process

- Ordering / Delivery Steps -

2004 Jurisdictions Only

